## INTERNATIONAL SEARCH REPORT

International application No. PCT/JP02/10548

A. CLAS	SIFICATION OF SUBJECT MATTER	
Int.	Cl <sup>7</sup> H01S5/062	•
According t	to International Patent Classification (IPC) or to both national classification and IPC	
B. FIELD	S SEARCHED	
Minimum d	ocumentation searched (classification system followed by classification symbols)	
Int.	C1 <sup>7</sup> H01S5/00-5/50	
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	tion searched other than minimum documentation to the extent that such documents are uyo Shinan Koho 1940-1996 Toroku Jitsuyo Shin	included in the fields searched an Koho 1994-2002
	uyo Shinan Koho 1940-1996 Toroku Jitsuyo Shin i Jitsuyo Shinan Koho 1971-2002 Jitsuyo Shinan Toro	ku Koho 1996–2002
ŀ		<u> </u>
Electronic o	data base consulted during the international search (name of data base and, where practic	cable, search terms used)
	TO THE CONTRACT TO BE BELLEVIANT	
C. DOCU	MENTS CONSIDERED TO BE RELEVANT	
Category*	Citation of document, with indication, where appropriate, of the relevant passag	ges Relevant to claim No.
Y	JP 9-83442 A (Oki Electric Industry Co., Ltd.	1-7,9
A	28 March, 1997 (28.03.97),	8,10-11
٠, .	Full text; all drawings (Family: none)	
	(ramily, hone)	
Y	JP 6-45675 A (Sony Corp.),	1-7,9
A	18 February, 1994 (18.02.94),	8,10-11
	Full text; all drawings	
	(Family: none)	
Y	JP 2001-36187 A (Sony Corp.),	1-7,9
A	09 February, 2001 (09.02.01),	8,10-11
· .	Full text; all drawings	
	(Family: none)	
× Furth	er documents are listed in the continuation of Box C. See patent family annex	•
Specia		fter the international filing date or
"A" docum	nent defining the general state of the art which is not priority date and not in con understand the principle or	flict with the application but cited to theory underlying the invention
"E" earlier	document but published on or after the international filing "X" document of particular rele-	vance; the claimed invention cannot be be considered to involve an inventive
date "L" docum	ent which may throw doubts on priority claim(s) or which is step when the document is	taken alone
cited to	o establish the publication date of another citation or other "Y" document of particular rele-	vance; the claimed invention cannot be ventive step when the document is
"O" docum	nent referring to an oral disclosure, use, exhibition or other combined with one or more	e other such documents, such to a person skilled in the art
	tent published prior to the international filing date but later "&" document member of the same priority date claimed	ime patent family
Date of the	actual completion of the international search Date of mailing of the internat	ional search report
26 [	December, 2002 (26.12.02) 28 January, 20	003 (28.01.03)
	nailing address of the ISA/ Authorized officer	
Japa	nnese Patent Office	
Faccimile N	Telephone No.	

International application No.
PCT/JP02/10548

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Y	JP 11-40855 A (Sharp Corp.),	1-7,9
A	12 February, 1999 (12.02.99),	8,10-11
•	Full text; all drawings	, = = = =
. ]	(Family: none)	
Y	JP 63-67791 A (NEC Corp.),	1-7,9
A	26 March, 1988 (26.03.88),	8,10-11
.	Full text; all drawings (Family: none)	<u> </u>
	(ramily: hone)	
Y	JP 58-182144 A (Hitachi, Ltd.),	1-7,9
Α	25 October, 1983 (25.10.83),	8,10-11
	Full text; all drawings	
	(Family: none)	
,	JP 252756 A (Canon Inc.),	1-11
A	14 September, 2000 (14.09.00),	
,	Full text; all drawings	
	(Family: none)	
A	EP 0909973 A2 (FUJITSU LTD.),	1-11
İ	21 April, 1999 (21.04.99),	
	Full text; all drawings & JP 11-119175 A	
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	Co., Ltd.),	
	28 February, 2002 (28.02.02), Full text; all drawings (Family: none)	
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